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cumulative_distribution_20071008
Public Sub Distribution1()
    ' Standard Location of Query Manager Concentration field
    Range("I2").Select
    ' Select full range
    Range(Selection, Selection.End(xlDown)).Select
    Dim rCount As Integer
    rCount = 0

    ' COUNT CELLS IN COLUMN- PROBABLY INEFFICIENT
    For Each c In Selection
        rCount = 1 + rCount
    Next c
    MsgBox "Number of records = " & rCount
    Rount = rCount

    ' SELECT AND INSERT ROW TO THE LEFT OF CONCENTRATION
    Range("I:I").Select
    Selection.Insert Shift:=xlToRight
    Range("I1").Select
    ActiveCell.FormulaR1C1 = "INDEX"

    Range(Selection, Selection.End(xlDown)).Select

    ' Range("I2").Select
    Dim intInc As Integer
    intInc = 0
    Dim counter As Integer

    ' INEFFICIENT COUNTER METHOD
    For counter = 2 To rCount + 1
        Cells(counter, 9) = intInc + 1
        intInc = intInc + 1
    Next counter

    ' SELECT AND INSERT CUMULATIVE PROB ROW TO THE LEFT OF NEW INDEX
    Range("I:I").Select
    Selection.Insert Shift:=xlToRight
    Range("I1").Select
    ActiveCell.FormulaR1C1 = "CPROB"
    Range("I2").Select
    ActiveCell.FormulaR1C1 = "=RC[1]/" & rCount + 1 & "*100"
    Dim newRange As String
    newRange = "I2:I" & rCount + 1

    Range("I2").Select
    Selection.AutoFill Destination:=Range(newRange)
    Range(newRange).Select

    Selection.NumberFormat = "0.00000"
End Sub

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